



US 20170237570A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2017/0237570 A1**
Vandervort (43) **Pub. Date: Aug. 17, 2017**(54) **METHOD AND SYSTEM FOR SERVER
BASED SECURE AUDITING FOR
REVISIONING OF ELECTRONIC
DOCUMENT FILES**(52) **U.S. Cl.**
CPC *H04L 9/3247* (2013.01); *H04L 63/0442*
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(US)(21) Appl. No.: **15/044,607**(22) Filed: **Feb. 16, 2016****Publication Classification**(51) **Int. Cl.**
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)(57) **ABSTRACT**

Methods and systems for providing secure recording of revisions made to electronic documents, using secure methods to validate the recorded changes, are disclosed. An electronic device making a change to an electronic document can transmit the change to the network. An audit log chain is residing on the network and shared among all the nodes on the network. A node on the network can verify a change of document made by other nodes and add a new block to the chain using one-way hashes, making the chain resistant to tampering. If an invalid block is detected, the system can send an auditing alert to the network. The audit log can be strongly resistant to tampering, providing reliable evidence for use in audit compliance, investigations, and business or court record keeping.

